

IMPROVING THE STABILITY OF ION BEAM GENERATED

ALIGNMENT LAYERS BY SURFACE MODIFICATION

ABSTRACT OF THE DISCLOSURE

5 A method for preparing an alignment layer surface
provides a surface on the alignment layer. The surface is
bombarded with ions, and reactive gas is introduced to the
ion beam to saturate dangling bonds on the surface. Another
method for preparing an alignment layer surface provides a
10 surface on the alignment layer. The surface is bombarded
with ions and quenched with a reactive component to saturate
dangling bonds on the surface.